



User Manual

DNAKE S405



REMARK

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.

CATALOG

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PRODUCT FEATURE

1. Induction loop for hearing impaired
2. Braille dot for visually impaired
3. Lock Control: 2 relay out (NO NC COM, 2A), 1 electronic lock (12V 800mA)
4. Tamper alarm
5. Facial Recognition (No distortion)
6. Door entry: Call, Face, IC card (13.56MHz), ID card (125kHz), PIN code, APP, QR code
7. 2MP camera with WDR mode

TECHNICAL PARAMETER

Power Supply: 2 Wire Interface, DC 48V

RAM: 1 GB

ROM: 8 GB

Resolution: 480 x 272

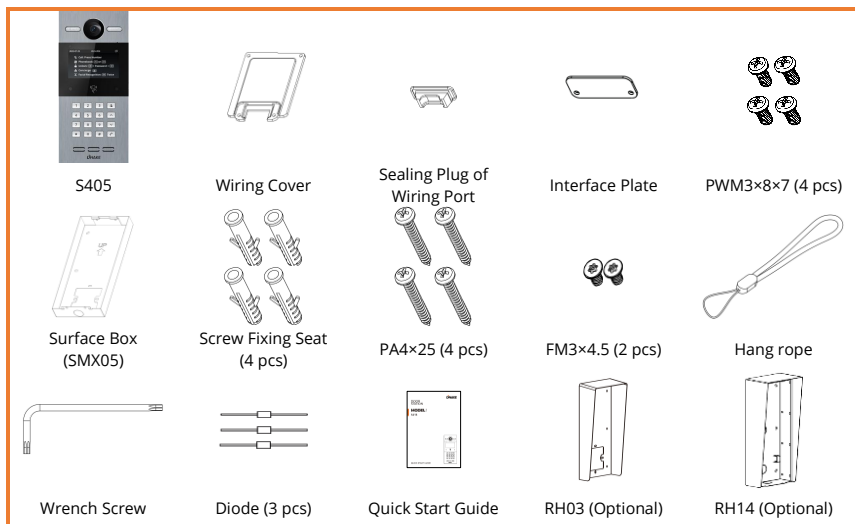
Working Temperature: -40°C to +55°C

Storage Temperature: -40°C to +70°C

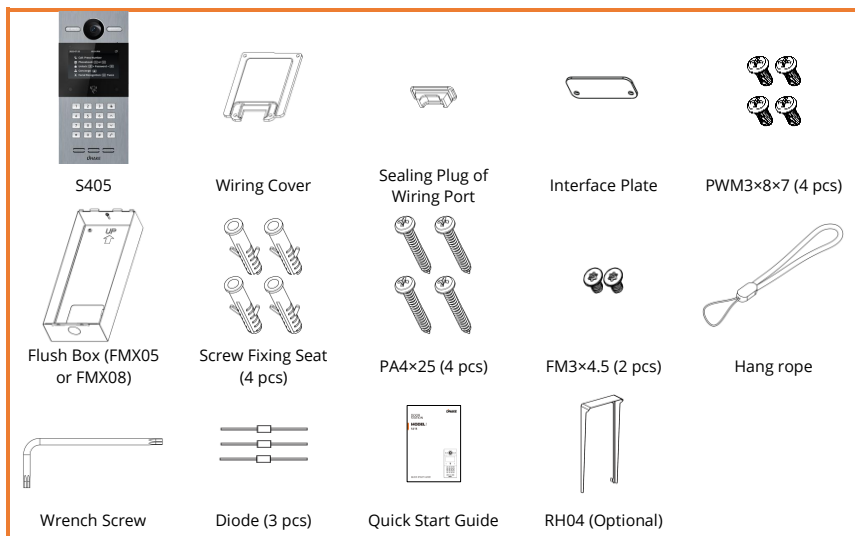
Working Humidity: 10% to 90% (non-condensing)

PACKAGE CONTENT

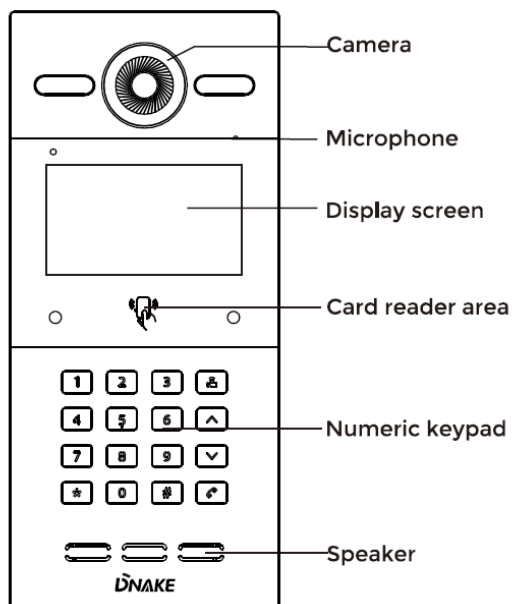
MODEL: S405 (Surface Mounting)



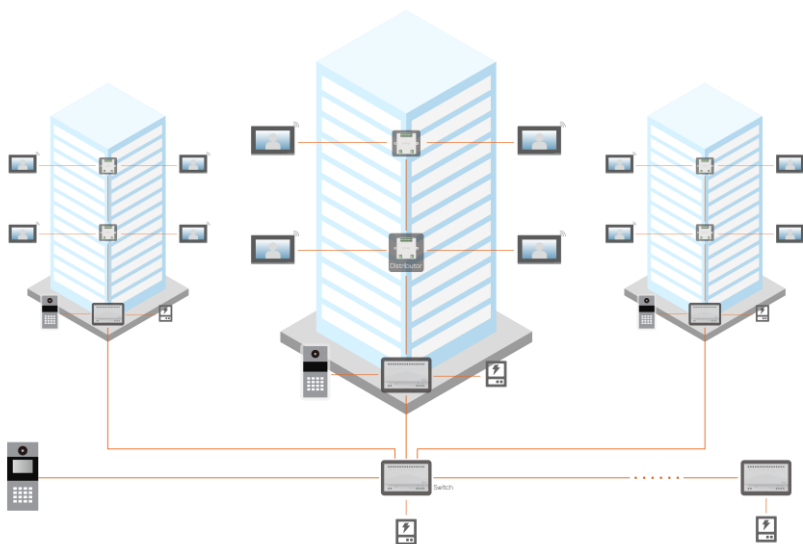
MODEL: S405 (Flush Mounting)



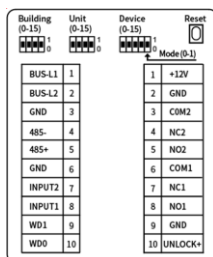
OVERVIEW



SYSTEM DIAGRAM



DEVICE WIRING



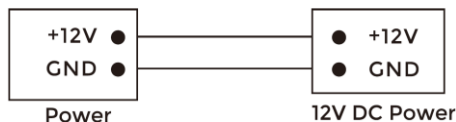
1. Dip Switches Configuration

For the S405, the Building Number, Unit Number, and Device Number can be configured using the DIP switches located on the back of the device. The DIP switch configuration uses binary encoding.

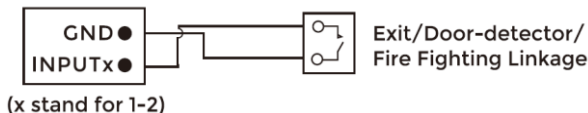
	Building (0-15)		Used to configure the building information of the device.
	Unit (0-15)		Used to configure the unit information of the device
	Device (0-15)		Used to configure the device information of the device
	Mode (0-1)	No. = 0	The device is configured to operate in Door Station Mode.
		No. = 1	The device is configured to operate in Gate Station Mode.

2. Power

The power interface of Door Station connects to 12V DC power.



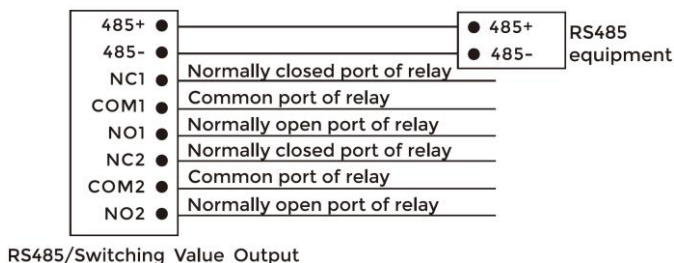
3. Exit/Door-detector/Fire Fighting Linkage



4. RS485/Switching Value Output

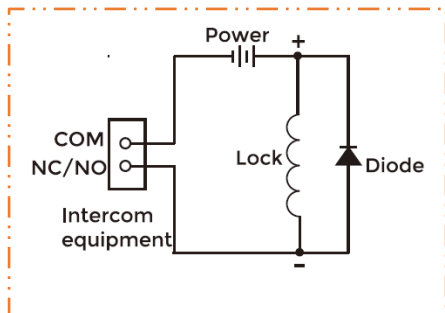
Enable to connect equipment with RS485 interface.

Connect to the lock module (an independent power supply is necessary for the lock).



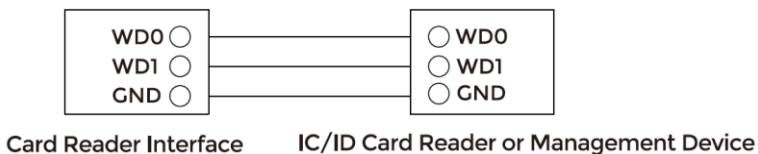
Warning!

1. When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in anti-parallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
2. The load current of the relay cannot be greater than 2A. See attached picture for more details.



5. Card Reader Interface

The interface can be connected to one IC/ID card reader or be used for reading the information of built-in card reader.



Note: Door Station can only be connected to one card reader or management device at a time.

BASIC OPERATION

1. Call and Monitor

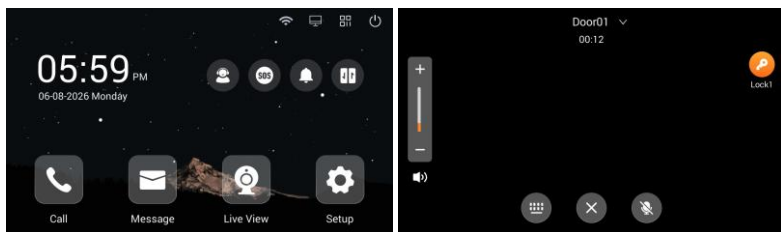
1.1. Call Indoor Monitor

In standby mode, press room numbers + #/dial on Door Station to call Indoor Monitor. During the call, press * on Door Station again to end the call. If the call fails or Indoor Monitor is busy, Door Station will make a beep sound.



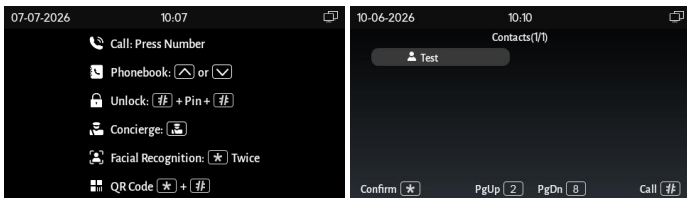
1.2. Monitor Door Station

Click Monitor icon on Indoor Monitor's homepage to monitor Door Station.



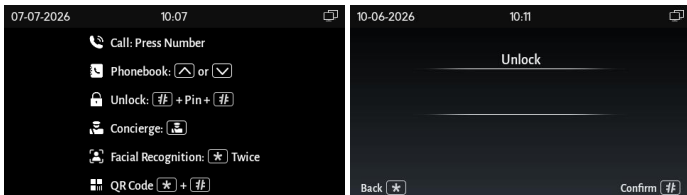
2. Phonebook

Click up or down button to enter phonebook page. You can dial any residents in this phonebook.



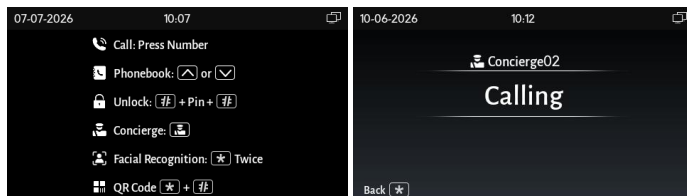
3. Unlock

Press #+PIN Code+# to unlock.



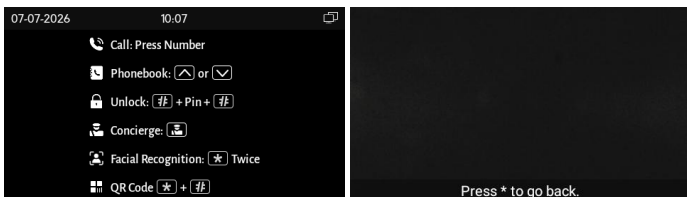
4. Concierge

Press concierge button to call Master Station.



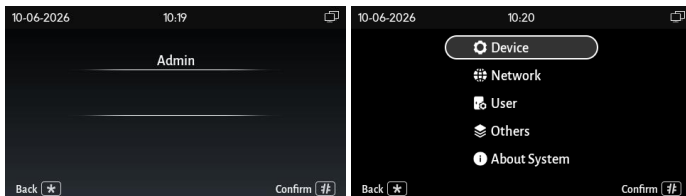
5. Facial Recognition

Press * twice to wake up face scan. Facial recognition should be enabled beforehand.



DEVICE SETTING

You can enter the admin settings of Door Station by pressing # twice and entering default password (123456). This is where you can configure the device.

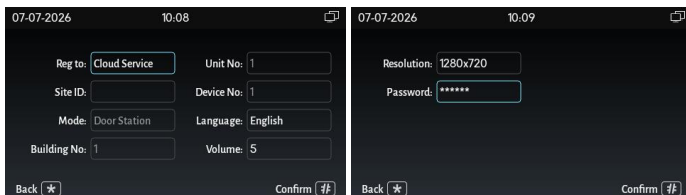


1. Device Settings

Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor. For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

The Index number here is to distinguish different Door Stations when more than one Door Station in one building.

Note: Mode, Building No., Unit No., and Device No. can only be configured using the DIP switches on the back of the device. The device GUI displays these settings for reference only and does not allow them to be modified from device.



Reg to	Configure CMS or Cloud Platform device management server the device registers with
Site ID / CMS IP	When Cloud Platform Service is selected, enter the corresponding Site ID in this field. When CMS service is selected, enter the corresponding CMS IP in this field.
Mode:	Mode for apt., Gate Station or Door Station (Unit and wall)
Building No:	Number of the building
Unit No:	Number of the unit
Device No:	Number of the Device
Language:	16 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türk, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský);
Volume:	Volume of System can be set from 1 to 6;
Resolution:	4 resolutions supported (320 × 240, 640 × 480, 1280 × 720, 1920 × 1080);
Password	Change the password used to access the Admin Settings page.

2. Network Settings

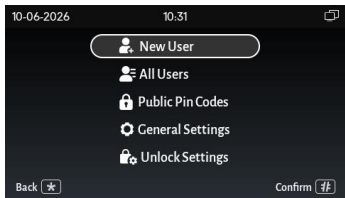
The device network can be set to either DHCP or a static IP address (When DHCP is disabled, the device automatically generates its IP address according to the current DIP switch settings and device identification information. Network parameters are assigned by the system and cannot be modified manually. Only the DNS server address can be configured by the user.).

The screenshot shows a network configuration screen with a dark background. At the top, it displays the date '10-06-2026' and time '10:30'. The 'DHCP' option is set to 'Enable' in a blue button. To its right, the 'Gateway' is set to '192.168.0.1'. Below these, the 'IP' is set to '192.168.0.220' and the 'DNS' is set to '192.168.0.1'. At the bottom left, the 'Mask' is set to '255.255.255.0'. At the very bottom, there are two buttons: 'Back' with a star icon and 'Confirm' with a checkmark icon.

DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distributing network configuration parameters;
IP:	Configure Static IP address to manually distributing network configuration parameters;
Mask:	Subnet mask;
Gateway:	A component that is part of two networks, which use different protocols;
DNS:	Domain Name Server of the device;

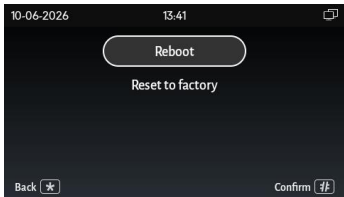
3. User Settings

You can add new users, view all existing users, edit the common password, and configure the General Settings and Unlock Settings.



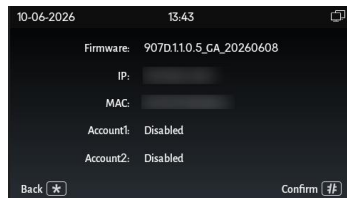
4. Other Settings

On this page, you can restart the device or restore it to factory settings.



5. About System

You can find basic information displayed in About System.



Firmware Version:	Firmware version of the device;
IP:	Current IP address of the device;
MAC:	MAC address of the device;
Account 1:	when the cloud platform function is enabled, it is assigned to the cloud platform by default, and when the cloud platform function is disabled, users can configure the SIP server manually.
Account 2:	when the cloud platform function is enabled and Account 1 is occupied, users can configure a second third-party SIP server

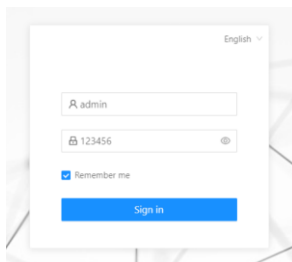
WEB SETTING

1. Access Web Settings

1.1. Access Web Setting > by PC

Connect Door Station and PC to a network switch in the same LAN. You can enter the IP address of Door Station in the web browser search bar and log in with the default account (admin) and password (123456). This is where you can configure the device.

For getting the IP address, you can search by DNAKE Remote Upgrade Tool which is installed in the same LAN with the devices. Alternatively, when using a static IP address, you can determine the device's static IP based on the DIP switch settings. For detailed calculation rules, refer to Item 6 in the Basic Operation section.

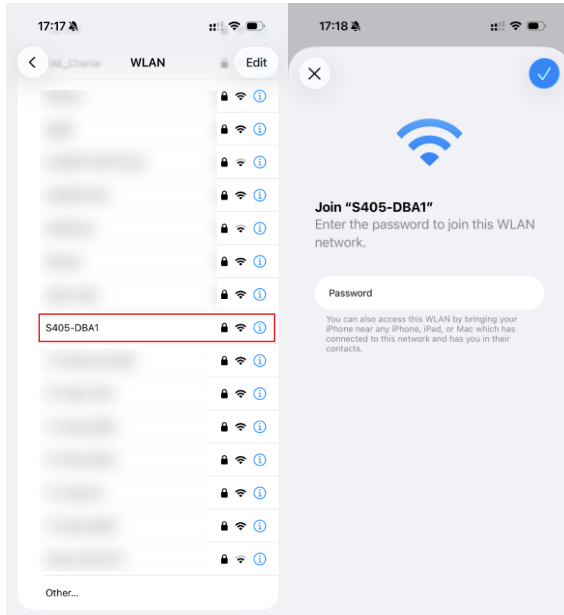


1.2. Access Web Setting > AP Mode

Users can enable AP Mode on the device to access the device's web interface using a mobile phone or laptop.

1. Press and hold the Number 1 key for approximately 3 seconds.
2. When the keypad backlight starts flashing, the device has entered AP Mode. The backlight will continue flashing while AP Mode is active.

3. On a mobile phone or computer, open the Wi-Fi settings and search for the device hotspot.
 - SSID: S405-XXXX (XXXX represents the last four characters of the device MAC address)
 - Default Password: Dnake@123



4. Connect to the hotspot, then open a web browser and enter 192.168.8.1 to access the device web interface for configuration.



5. AP Mode will automatically exit after 10 minutes. Alternatively, press and hold the Number 1 key for approximately 3 seconds to exit AP Mode manually. When the keypad backlight stops flashing, AP Mode has been exited successfully.

Note: During AP Mode, the keypad backlight continuously flashes to indicate that the hotspot is active.

2. General

2.1. General > Information

When you first log in to the web interface, you can find basic information displayed in this dashboard.

DNAKE

English Help admin

General

Information

Basic

Time

Password

System

Intercom

Access

Advanced

Product

Model	Firmware Version	MAC Address
S405	907D.1.1.0.5_GA_20260608	
Framework	UI	MCU
2.0.0 20260518	1.5.10 20260608	1.0.0 20260407

Network

DHCP	IP Address	Mask
Enabled		
Gateway	DNS	

Device Manager Server

Register to	Node
Disable	N/A

SIP Account

Account1	Status
None	Disabled
Account2	Status
None	Disabled

DNAKE

English Help admin

General

Information

Basic

Time

Password

System

Intercom

Access

Advanced

Network

DHCP	IP Address	Mask
Enabled		
Gateway	DNS	

Device Manager Server

Register to	Node
Disable	N/A

SIP Account

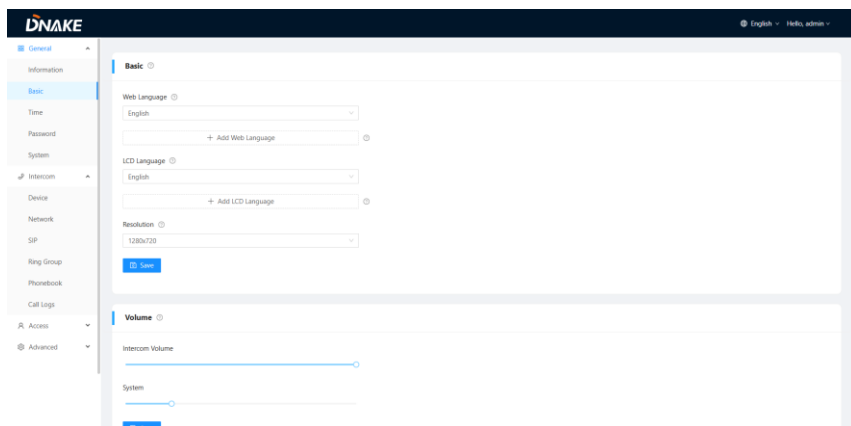
Account1	Status
None	Disabled
Account2	Status
None	Disabled

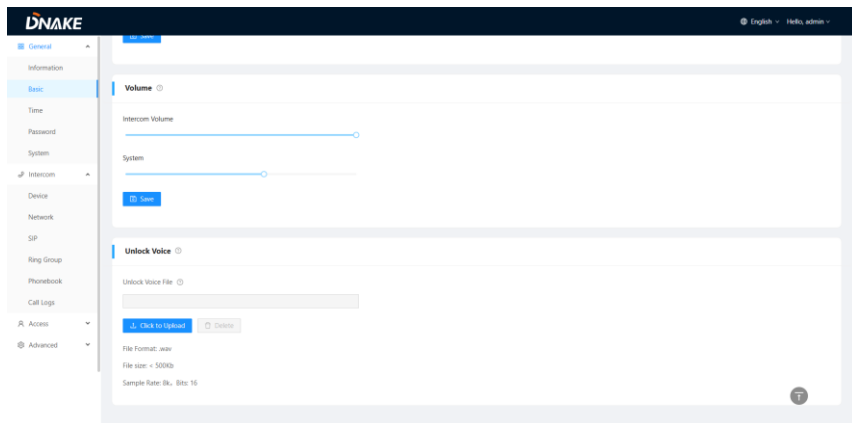
Product	Model:	Model of the device;
	Firmware Version:	Firmware version of the device;
	MAC Address:	MAC address of the device;
	Framework:	Framework of the device;
	UI:	UI of the device;
	MCU:	MCU of the device;

Network	DHCP:	Status of DHCP;
	IP Address:	Current IP address of the device;
	Mask:	Subnet mask of the device;
	Gateway:	Gateway of the device;
	DNS:	Domain Name Server of the device;
Device Manager Server	Register To	Displays the selected cloud service type and its current status.
	Node	Node information of the management server to which the device is connected
SIP Account	Account:	SIP account of the device;
	Status:	Status of SIP registration of the device;

2.2. General > Basic

Language, resolution and volume of the device can be configured in this column.

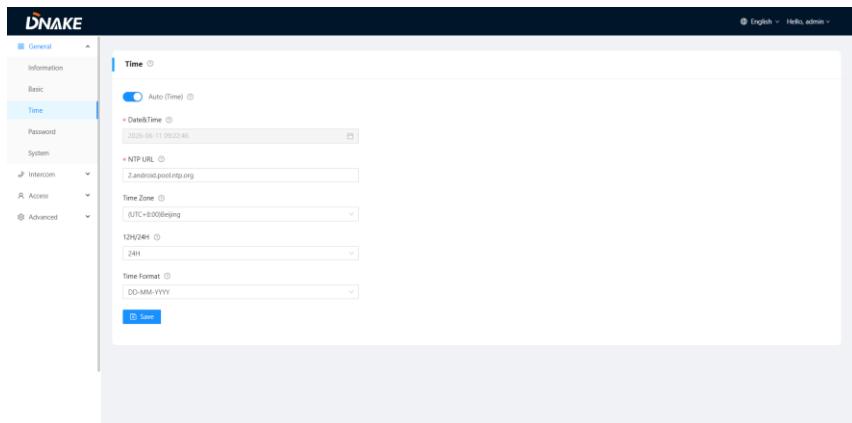




Basic	Web Language:	Configure the language displayed on the web interface. 19 languages supported;
	LCD Language	Configure the language displayed on the device interface. 19 languages supported;
	Resolution:	4 resolutions supported (320 × 240, 640 × 480, 1280 × 720 and 1920 × 1080);
Volume	Intercom:	Volume of Intercom can be set from 1 to 6;
	System:	Volume of System can be set from 1 to 6;
Unlock Voice	Unlock Voice File	Used to upload a custom unlock voice prompt. Only .wav files smaller than 500 KB are supported.

2.3. General > Time

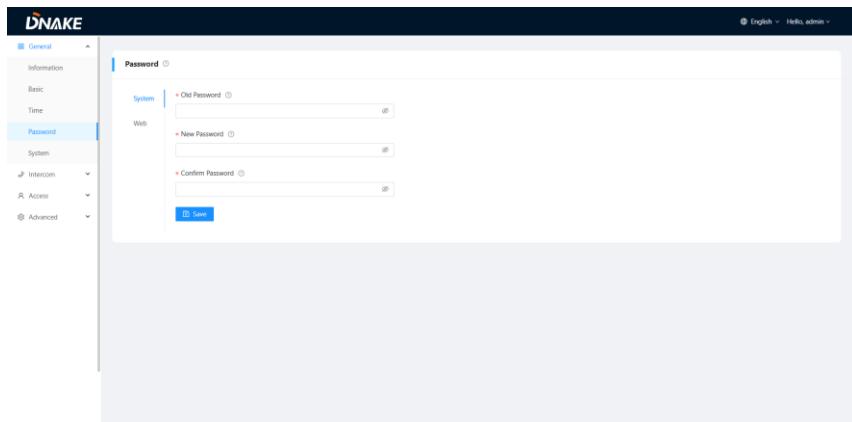
Time of the device can be configured.



Time	Auto (Time):	Enable to synchronize computer time;
	Date&Time:	Date and time can be set manually;
	NTP URL:	Network Time Protocol (NTP) is a protocol used to synchronize computer time;
	Time Zone:	A region that observes a uniform standard time;
	12H/24H:	Select 12H or 24H format to display on the device;
	Date Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);

2.4. General > Password

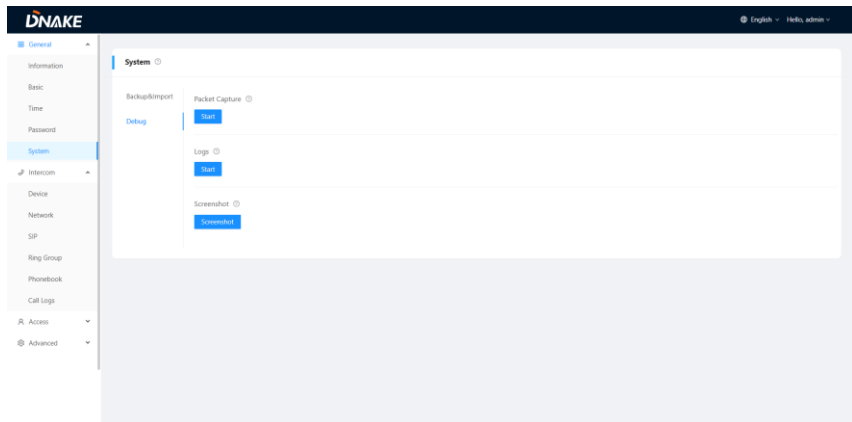
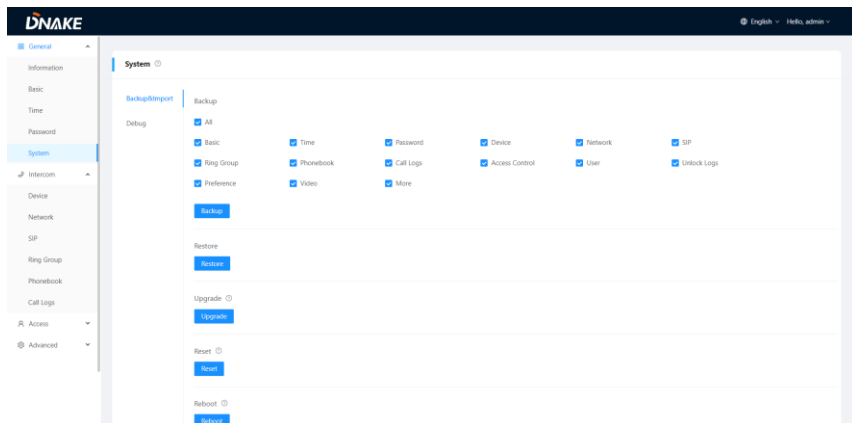
The System password is for the administrator to log in settings on the device while the Web password is for the administrator to log in settings on the web. The default password for both of them is 123456.



System	System Old Password:	Current administrator password of the Device (Default 123456);
	System New Password:	New administrator password of the Device;
	System Confirm Password:	Confirm administrator password of the Device;
Web	Web Old Password:	Current administrator password of the web (Default 123456);
	Web New Password:	New administrator password of the web;
	Web Confirm Password:	Confirm administrator password of the web;

2.5. General > System

The system column is designed for data backup and restore, firmware upgrade, factory default, device reboot, packet capture, logs capture, and obtaining UI screenshots.



Backup & Import	Backup & Restore:	Backup all setting and restore settings;
	Upgrade:	Upgrade equipment;
	Reset:	Reset to factory settings;
	Reboot:	Reboot the device;
Debug	Packet Capture:	Capturing packets can help developers reproduce positioning problems;
	Logs:	Device logs;
	Screenshot:	Screenshot device interface;

3. Intercom

3.1. Intercom > Device

Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor. For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

The device number here is to distinguish different Door Stations when more than one Door Station is in one building.

Note: Mode, Building No., Unit No., and Device No. can only be configured using the DIP switches on the back of the device.

General

Intercom

Device

Network

IP

Ring Group

Phonebook

Call Logs

R. Access

Advanced

Register to

Cloud Server

Site ID

Mode: Default Mode(Connected)

Save

Device

Device Name

Device Mode

Building No.

Unit No.

Device No.

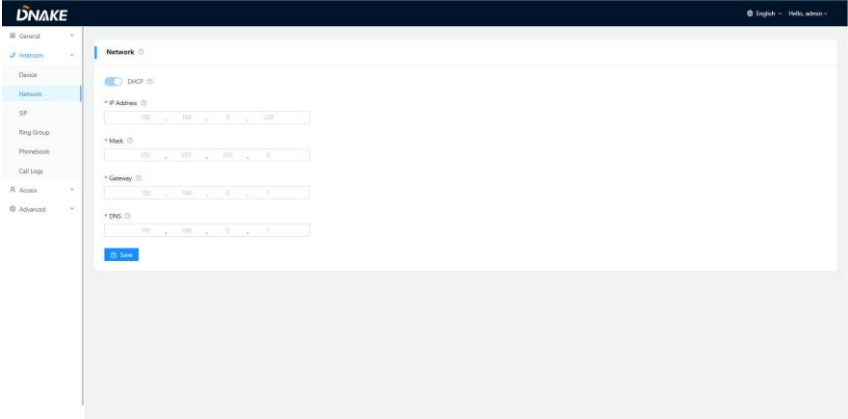
Save

Device Manager Server	Reg to	Configure CMS or Cloud Platform device management server the device registers with
	Site ID / CMS IP	When Cloud Platform Service is selected, enter the corresponding Site ID in this field.

		When CMS service is selected, enter the corresponding CMS IP in this field.
	Node	When the Cloud Platform Service is enabled, the Node field displays the cloud platform node to which the device is currently connected, along with its connection status.
Device	Device Name:	Name of the Device
	Device Mode:	Mode for apt. and wall (Unit and wall);
	Building No:	Number of the building;
	Unit No:	Number of the unit;
	Device No:	Number of the device;

3.2. Intercom > Network

The device network can be set to either DHCP or a static IP address.



Network	DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distribute network configuration parameters;
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	IP Address:	Configure Static IP address to manually distribute network configuration parameters;
	Mask:	Subnet mask;
	Gateway:	A component that is part of two networks, which use different protocols;
	DNS:	Domain Name Server of the device;

3.3. Intercom > SIP

The SIP column concerns SIP registration, Display Name, Register Name, Username, Password, SIP Server Host, Outbound Proxy, Transfer Protocol, Video Payload, etc.

The screenshot shows the Dnake web interface for configuring SIP settings for 'Account1'. The left sidebar contains a navigation menu with options: General, Intercom (selected), Device, Network, SIP (highlighted), Ring Group, Phonebook, Call Logs, Access, and Advanced. The main content area is titled 'Account1' and includes a 'Disabled' toggle switch. Below this, there are input fields for 'Display Name', 'Register Name', 'Username', and 'Password'. Further down, there are fields for 'SIP Server Host' and 'Outbound Proxy', each with a 'Port' dropdown set to '5060'. At the bottom, there is a 'Registration Duration' field set to '1800' and a 'Transport Protocol' dropdown set to 'UDP'.

DNAKE English Help Admin

- General
- Intensions
- Device
- Network
- SIP**
 - Ring Group
 - Phonebook
 - Call Logs
- R. Access
- Advanced

Transport Protocol: UDP

DNS SRV: ☐

[Save](#)

Account2

Disabled

Display Name:

Register Name:

Username:

Password:

SIP Server Host: Port: 5060

[Save](#)

DNAKE English Help Admin

- General
- Intensions
- Device
- Network
- SIP**
 - Ring Group
 - Phonebook
 - Call Logs
- R. Access
- Advanced

Outbound Proxy: Port: 5060

Registration Duration: 1800

Transport Protocol: UDP

DNS SRV: ☐

[Save](#)

Other

Ring Code: 180

Video Payload: 102

[Save](#)

SIP	SIP:	Enable to use SIP;
	Proxy:	Fill in sip:SIP server's address:port e.g., sip:192.168.68.90:5060;
	Display Name:	Display name of SIP;
	User:	Register Name of SIP;
	User ID:	Username of SIP;
	Password:	Password of SIP;
	Transfer Protocol:	Transfer Protocol (UDP, TCP, TLS);
	H.264:	Video payload range is 96-127;

3.4. Intercom > Ring Group

Ring group is for setting up SIP calls or call mode. Concierge button, the length of the call and ring time can also be configured here.

DNAKE English - Hello, admin

General
Information
Basic
Time
Password
System
Intercom
Device
Network
SIP
Ring Group
Phonebook
Call Logs
Access
Advanced

Ring Group

Call Mode: one by one

+ Add Delete All Report Export

No.	Apartment No.	Number	Action
No Data			

Save

Call Concierge

Concierge: ☒

Concierge Code: 1 1 / 10

Call Mode: all at once

DNAKE English - Hello, admin

General
Information
Basic
Time
Password
System
Intercom
Device
Network
SIP
Ring Group
Phonebook
Call Logs
Access
Advanced

Ring Group

Concierge: ☒

Concierge Code: 1 1 / 10

Call Mode: all at once

+ Add Delete All Report Export

No.	Number	Action
1	10.1.10.10	

Save

Settings

Auto Dial: 3s

Ring Time: 35s

Call Time: 35s

Ring Group	Call Mode:	2 modes supported (one by one, all at once);
Call Concierge	Concierge:	It is used to configure the device to enable the concierge function. If Disable, the concierge icon on the device LCD will not be visible, and the concierge button on the keyboard (if any) will not respond when pressed.
	Concierge Code:	It is used to configure the number that the device calls the concierge. If configured, the enter number will be displayed on the LCD.
	Call Mode:	2 modes supported (one by one, all at once);
Settings	Auto Dial	It is used to configure the time (second) after which the device automatically make a call after you stop enter digits
	Ring Time:	The ring will be ended automatically after a period of time (10s, 20s, 35s, 45s, 60s, 90s, 120s)

	Call Time:	The call will be ended automatically after a period of time (120s, 300s, 600s, 1200s, 1800s);
	Dial Mode	It is used to configure whether to call the SIP number again if the other party does not answer.
	Video Active	It configures the video call feature for the device, If you disable, it will be make a audio call.
	Hang Up After Unlock	It is used to configure whether the device automatically ends the call after unlocking.
	Interval Time	It is used to configure the time (second) when the device automatically ends the call after unlocking.

3.5. Intercom > Phonebook

All contacts on Door Station can be edited here.

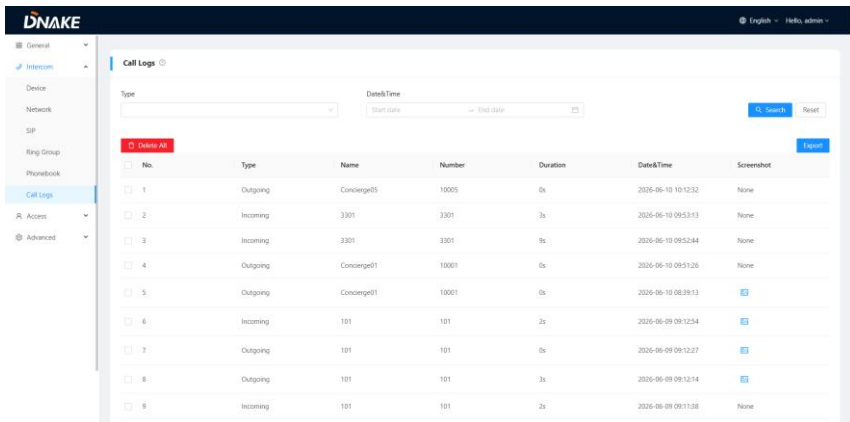
The screenshot displays the Dnake Phonebook interface. On the left is a sidebar with navigation options: General, Intercom (selected), Device, Network, SIP, Ring Group, Phonebook (highlighted), Call Logs, R. Access, and Advanced. The main area is titled 'Phonebook' and contains search filters for Name, Apartment No., and Number. Below these are buttons for '+ Add', 'Delete All', 'Search', and 'Reset'. A table lists contacts with columns for No., Name, Apartment No., Number, and Action. The first contact is 'Test' with apartment '301' and number '301'. At the bottom, there is a 'Settings' section with a dropdown for 'Number of contacts to display per page' (set to 10) and a 'Search Contacts' toggle switch.

Phonebook	Search:	Fill in text inputs to search;
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	Reset:	Click reset to clear words in text inputs;
	Delete All:	Delete all data on the chart;
	Import:	Import all data to the chart;
	Export:	Export all data on the chart;
Settings	Number of contacts to display per page	It is used to configure the display style of the contact function on the device LCD
	Search Contacts	Enable or disable the Search Contact function.

3.6. Intercom > Call Log

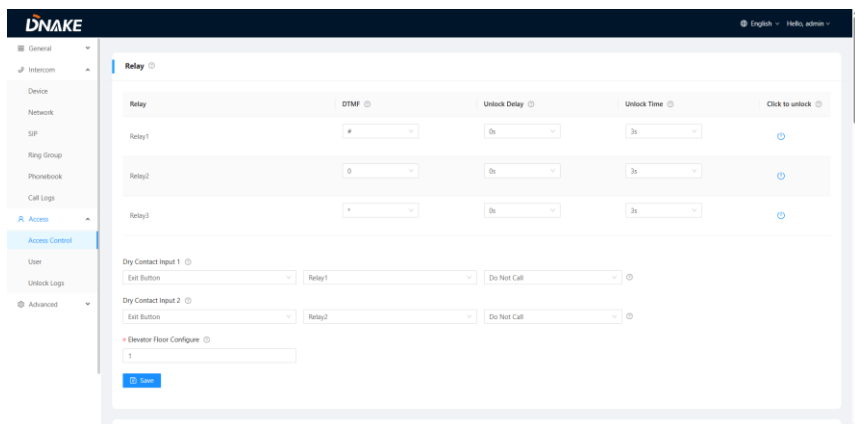
On this page, you can view all Call Logs stored on the device. You can filter the records by call type and time, or delete all call logs with a single tap.



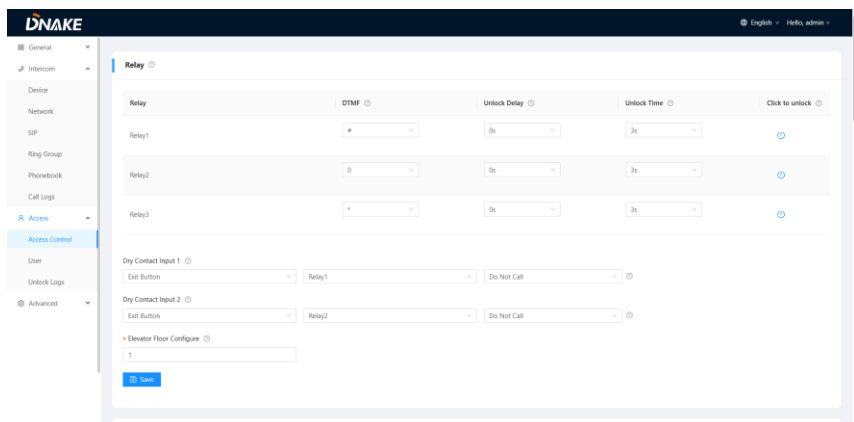
4. Access

4.1. Access > Access Control

Relays, access cards, PIN code can be configured here.



4.1.1. Access Control > Relay



Relay1-2:	2 relays supported;
Relay3:	Electronic lock
DTMF:	Dual-tone multi-frequency signaling (Relay1: #, Relay2:0, relay3: *);
Unlock Delay:	The length of unlock delay time (1-9s);
Unlock Time:	The length of unlock time (1-9s);
Dry Contact Input 1-2	3 modes of dry contact inputs are supported (Exit Button, Door Sensor, Fire Linkage);

Elevator Floor Configure:

The floor Door Station is installed at (Range: -9-99);

4.1.2. Access Control > Card

The screenshot shows the 'Card' configuration page in the DNAKE web interface. The left sidebar contains navigation options: General, Intercom, Device, Network, SIP, Ring Group, Phonebook, Call Logs, Access (selected), User, Unlock Logs, and Advanced. The 'Access' section is expanded, showing 'Access Control' as the active sub-section. The 'Card' configuration page includes the following settings:

- Master Card:** A toggle switch is currently turned off.
- Card Reading Mode:** A dropdown menu is set to 'Full Card No. Mode'.
- Card Order:** A dropdown menu is set to 'Normal'.
- Card Display Mode:** A dropdown menu is set to 'Hexadecimal'.
- Mifare Card Encryption:** A toggle switch is currently turned on.
- Sector:** A dropdown menu is set to '0'.
- Block:** A dropdown menu is set to '0'.
- Block Key:** A text input field with a password icon on the right.
- Card Reader Open Relay:** A dropdown menu is set to 'Relay 1'.

At the bottom of the page, there is a 'Save' button.

Master Card:	Click read to add Master card to manage cards;
Card Reading Mode	It is used to configure the mode of the device to read the access card. Compatible mode: read a specific card number in the card Full Card No. mode: read all card numbers in the card
Card Order	It is used to configure the order in which the device reads all the card numbers in the access card
Card Display Mode	It is used to configure the display style after the device reads all the card numbers in the access card
MIFARE Card Encryption	Enable or disable the device's MIFARE Card Encryption function.
Sector	When MIFARE Card Encryption is enabled, you must select the corresponding sector number.
Block	When MIFARE Card Encryption is enabled, you must select the corresponding block number.

Block Key	When MIFARE Card Encryption is enabled, you must enter the corresponding Block Key. Key lengths from 6 to 16 bytes are supported.
Card Reader Open Relay	It is used to configure the relay that opens after the access card is read by the device card reader

4.1.3. Access Control > Weigand Setting

Wiegand Input Bits:	It is used to configure the bits of the value obtained by the device's Wiegand port from an external card reader;
Wiegand Input Data Order:	It is used to configure the input sequence of the data obtained by the door station from the external card reader;
Wiegand Output Bits:	It is used to configure the bits of the value sent by the device's Wiegand interface to the external device;
Wiegand Output Data Order	It is used to configure the sequence of data that the door station sends to external devices
Wiegand Open Relay	It is used to configure the relay that opens after the access card is read by external Wiegand

4.1.4. Access Control > Unlock PIN and Facial Recognition

The screenshot shows the Dnake web interface. On the left is a sidebar with navigation options: General, Intercom, Device, Network, SIP, Ring Group, Phonebook, Call Logs, Access (selected), Access Control (selected), User, Unlock Logs, and Advanced. The main content area is titled 'Unlock PIN' and contains a table with columns 'No.', 'PIN', and 'Relay'. Below the table is a note: 'Only add up to 500 unlock PIN.' The 'Facial Recognition' section below it has two toggle switches: 'Human Body Induction' (turned on) and 'Facial Recognition' (turned off). It also has two dropdown menus: 'Similarity' (set to 'normal') and 'Live Detect' (set to 'Infrared Live Detect'). A 'Save' button is at the bottom of the section.

Unlock PIN:	Click to add PIN code or delete all;
Human Body Induction:	Once you approach to Door Station, face scan will be enabled automatically;
Facial recognition:	Enable to use face recognition;
Similarity:	Sensitivity of facial similarity analyzer (Low, normal, high);
Live Detect:	Sensitivity of live detect to prevent picture fraud or video fraud;

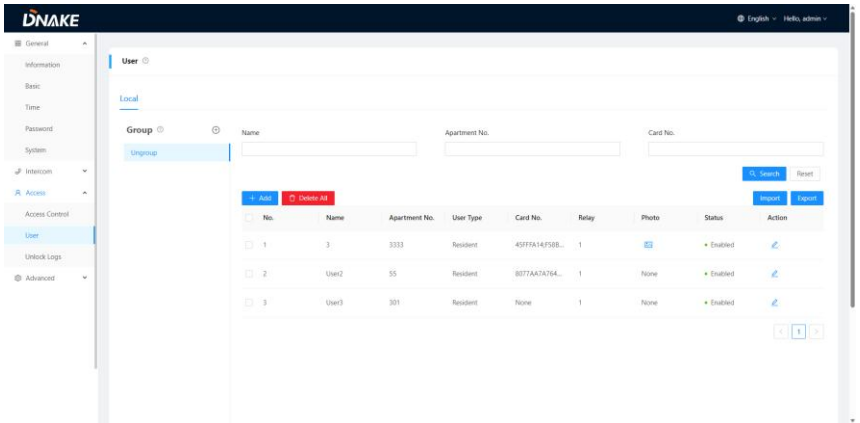
4.1.5. Access Control > Open Relay via HTTP

It is used to configure whether third-party devices can use http to unlock. If enabled, third parties can use http commands to unlock.

The screenshot shows the 'Open Relay via HTTP' settings page. It features a single toggle switch labeled 'Open Relay via HTTP' which is currently turned off. Below the toggle is a blue 'Save' button. The page has a light blue header and a grey footer with a small circular icon containing the letter 'T'.

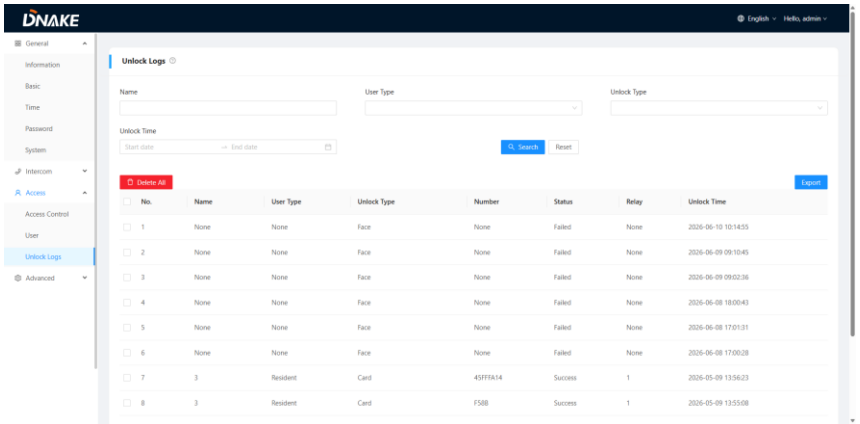
4.2. Access > User

Person column is for access authorization.



Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Add:	Add users to Door Station;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

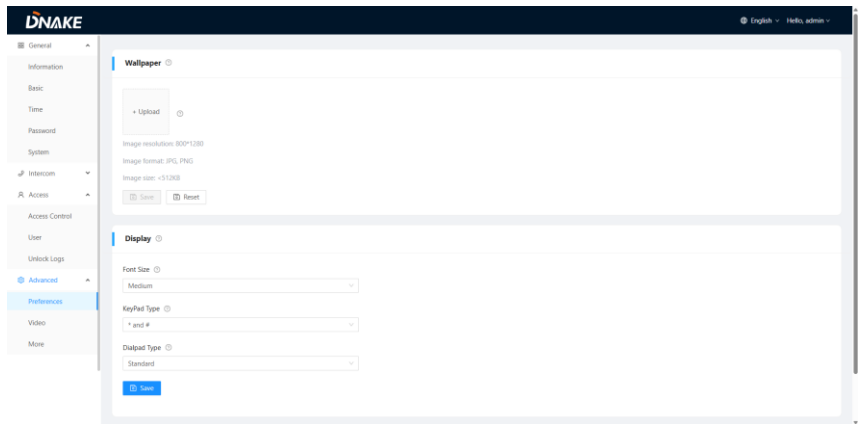
4.3. Access > Unlock Logs



Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Add:	Add users to Door Station;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

5. Advanced

5.1. Advanced > Preferences



Wallpaper	Wallpaper:	It is used to upload the wallpaper. When you click Reset, the uploaded wallpaper will be deleted, and it will be restored to the factory preset wallpaper;
Dispaly	Font Size:	It is used to configure the font size of the device LCD screen;
	Key Pad Type	It is used to configure the mapping relationship of the basic interaction keys of the device, and can specify the physical key combination for the confirmation/back function
	Dialpad Type	It is used to configure the dialing keypad style of the device

5.2. Advanced > Video

DNAME English Help Admin

Basic
Time
Password
System
Intercom
Access
Access Control
User
Unlock Logs
Advanced
Preferences
Video
More

Video Stream Setting

☒ Video Stream

+ Username
admin

+ Password

Save

Video Stream OSD

☒ Video Stream OSD

OSD Font Color
White

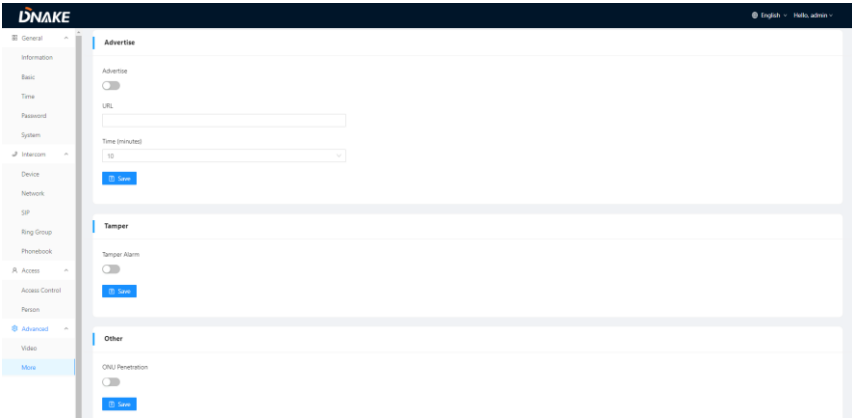
Save

RTSP LED

Video Stream Settings	Video Stream:	Configure whether the device is enabled for video surveillance;
	Username	configure the username for authentication when the device is used as video surveillance
	Password	Configure the password for authentication when the device is used as video surveillance
Video Stream OSD	Video Stream OSD	Enable or disable the Video Stream OSD (On-Screen Display) function.
	OSD Font Color	Configure the OSD Font Color by selecting either White or Black.
RTSP LED	RTSP LED	It is used to configure the LED settings when the device is used as a video surveillance device.
RTSP Feed	RTSP Feed	It is used to configure the device's RTSP Feed settings. If configured, you need to fill in the URL

5.3. Advanced > More

More column is for Tamper Alarm and ONU Penetration.

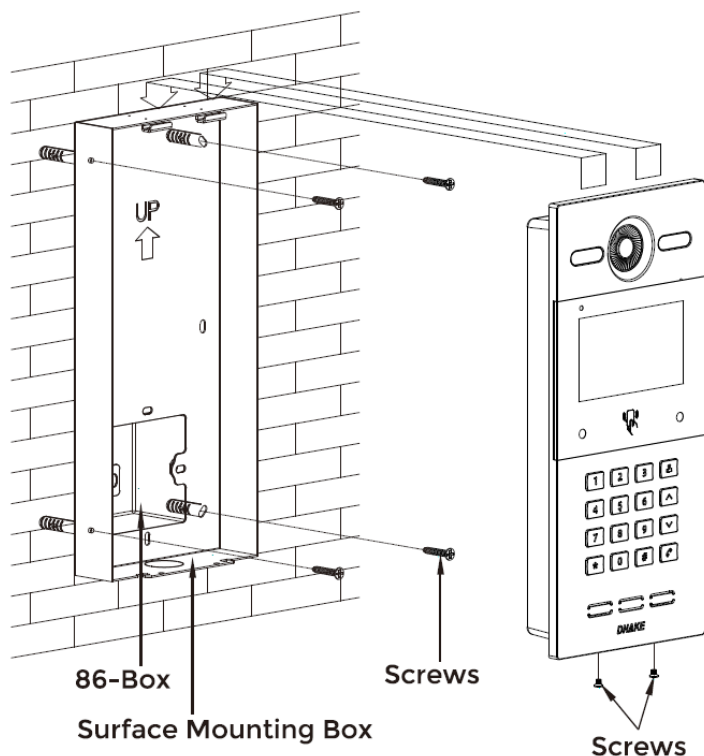


Advertise	Advertise:	Enable to advertise on the screen saver of the device;
	URL:	Advertise URL;
	Time (minutes):	The time length of advertise display (10mins, 20mins, 30mins);
Tamper	Tamper Alarm:	Enable to use Tamper alarm;
Scheduled Sleep	Scheduled Sleep	It is used to configure whether the device has scheduled sleep function enabled. If enabled, you can configure the start, end, and day of the week within the effective time.
Other	ONU Penetration:	Enable to prevent ONU from banning multicast;
	Call Mode	It is used to configure the call mode corresponding to the number entered on the device dial pad.

INSTALLATION

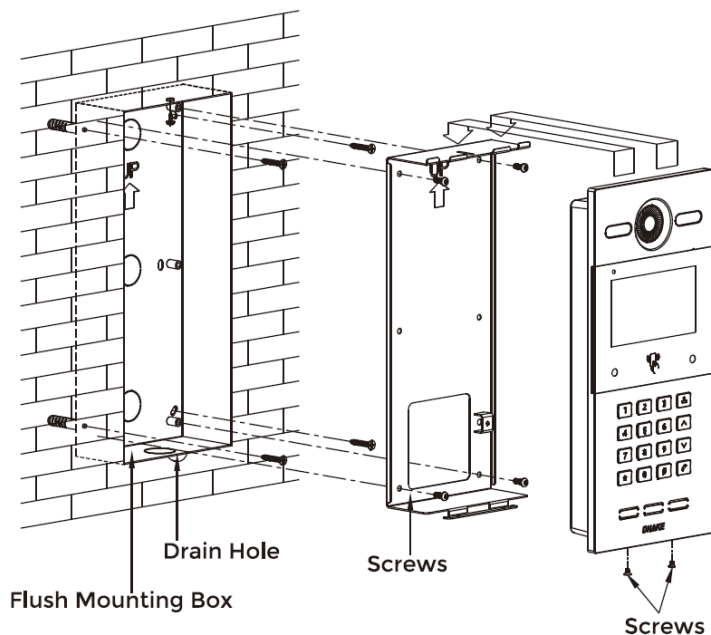
Surface Mounting with Surface Box SMX05

Silicone seal is required around the surface housing to waterproof the back (cables and connections)



Product size: 133 × 295 × 41 mm
Surface Mounting size: 133 × 295 × 43 mm

Flush Mounting with FMX05

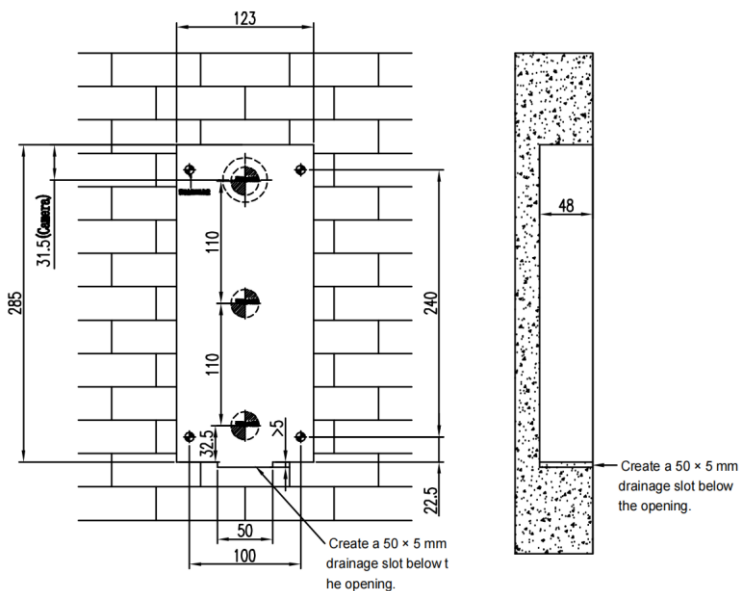


Product size: 133 × 295 × 41 mm
Flush Mounting size: 133 × 295 × 63.5 mm
Mounting hole size: 124 × 289 × 56 mm

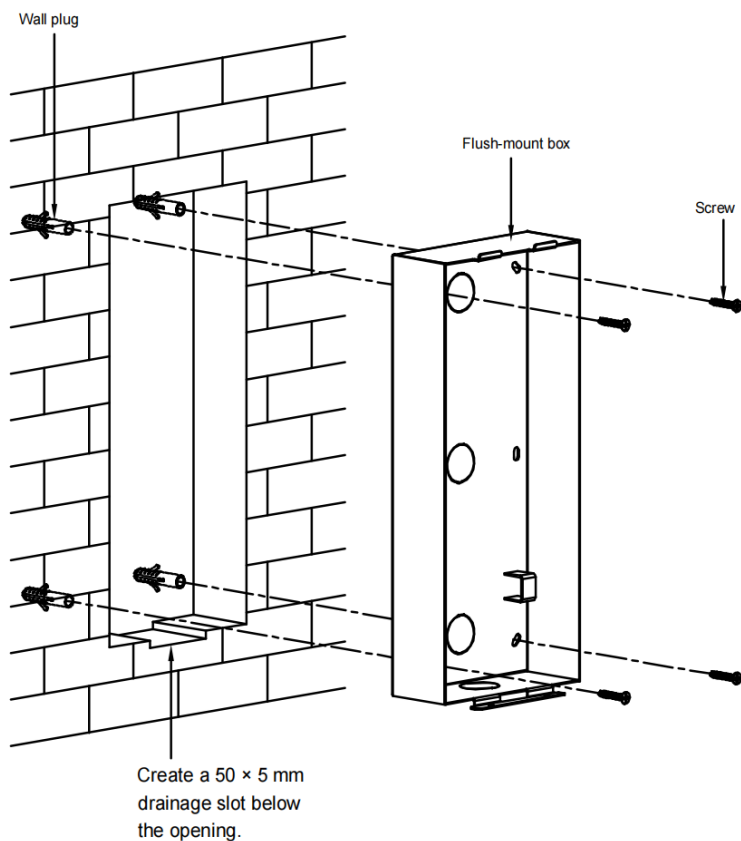
Flush Mounting with FMX08

Step1: Determine the installation height of the door station on the wall.

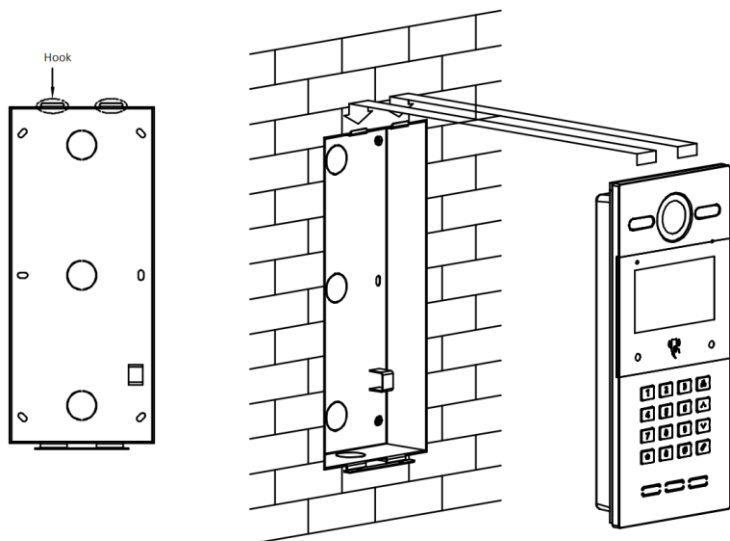
Cut an opening of $285 \times 123 \times 48$ mm according to the reference diagram to accommodate the flush-mount box.



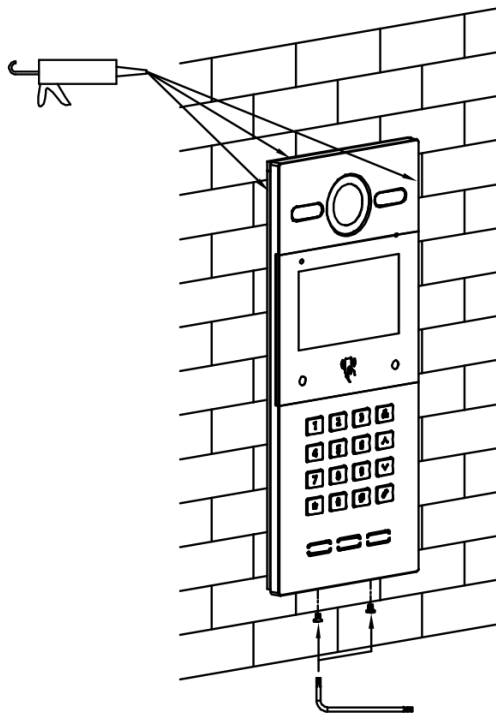
Step2: Use the four supplied screws to fix the flush-mount box to the wall.



Step3: Align the two slots on the top of the device with the two hooks on the flush-mount box, then hang the device onto the hooks

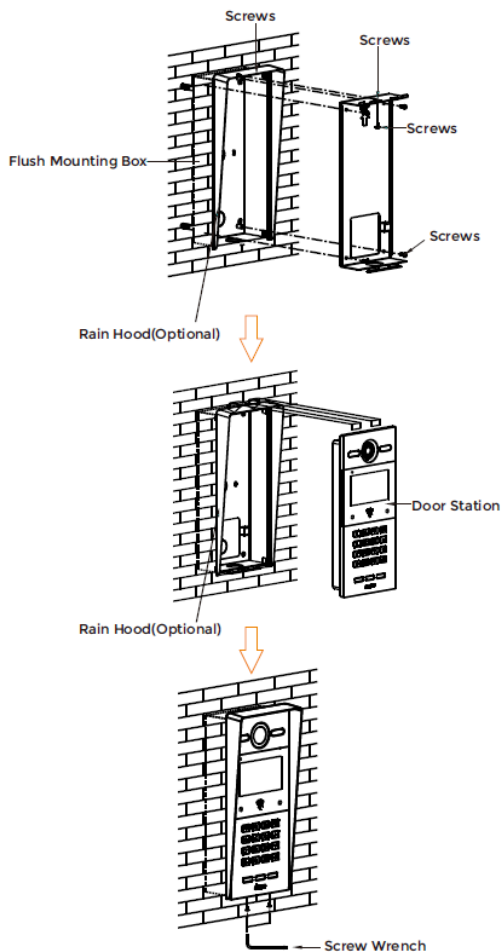


Step4: Use the supplied wrench to tighten the two countersunk screws at the bottom of the device and secure it to the flush-mount box. Apply silicone sealant along the top and both sides where the device meets the wall to ensure proper edge sealing.



Product size: 133 × 295 × 41 mm
Flush Mounting size: 133 × 295 × 63.5 mm
Mounting hole size: 123 × 285 × 48 mm

Flush Mounting with FMX05 & RH04 (Optional)

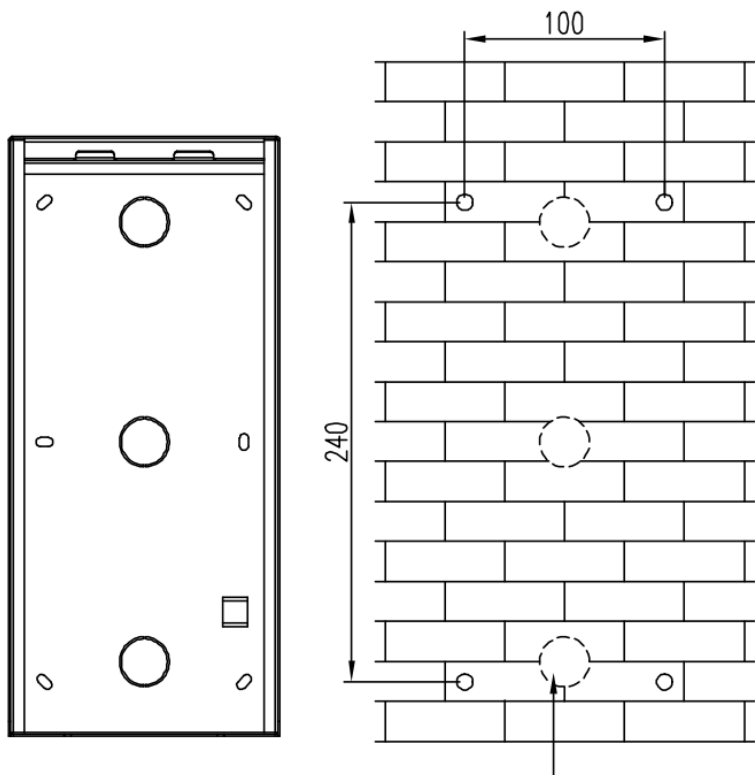


Product size: 133 × 295 × 41 mm
Flush Mounting size: 133 × 295 × 63.5 mm
Mounting hole size: 124 × 289 × 56 mm

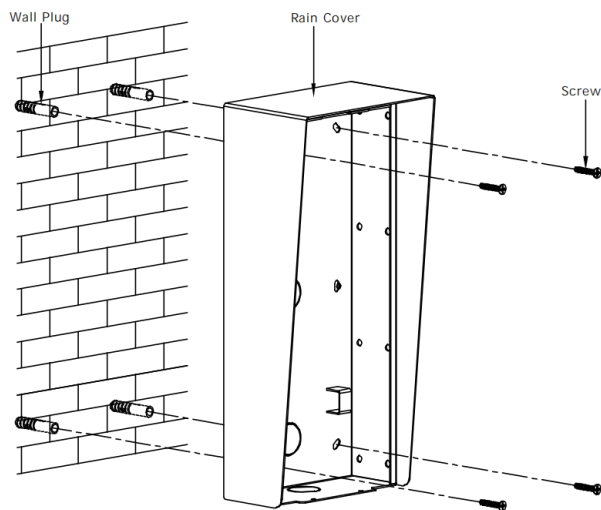
Surface Mounting with RH14(Optional)

Silicone seal is required around the surface housing to waterproof the back (cables and connections)

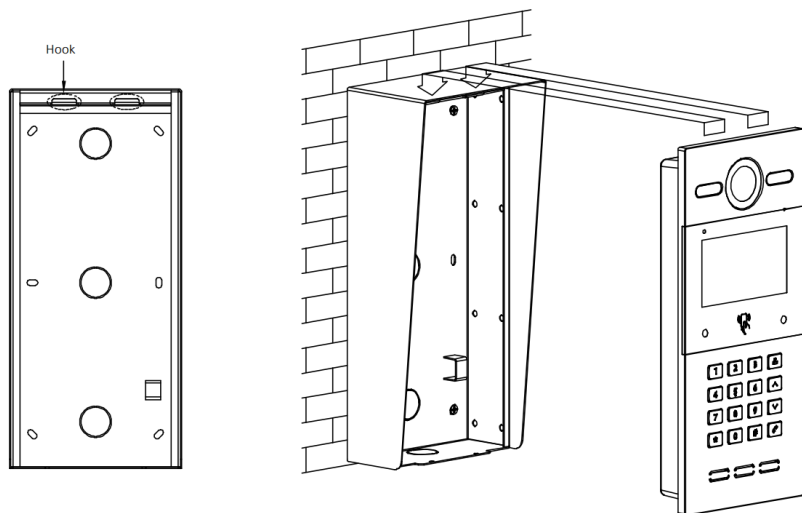
Step1 : Align one of the three knock-out holes on the rain hood with the cable outlet on the wall (choose the hole based on the installation height). Mark the positions of the four mounting screw holes on the wall according to the upper and lower screw points of the rain hood.



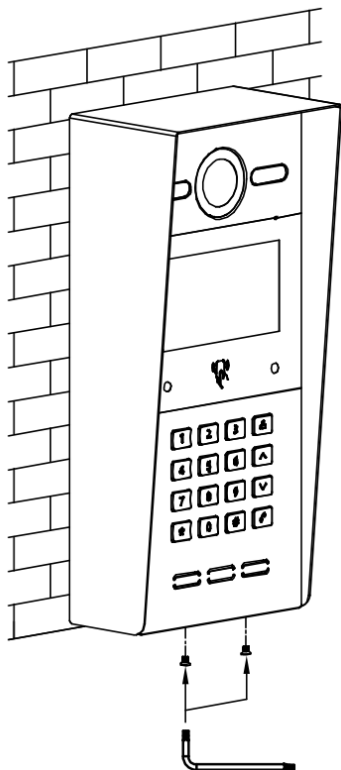
Step2: Secure the rain hood to the wall using the screws and wall plugs.



Step3: Align the two slots on the top of the device with the two hooks on the rain hood, then hang the device onto the hooks.



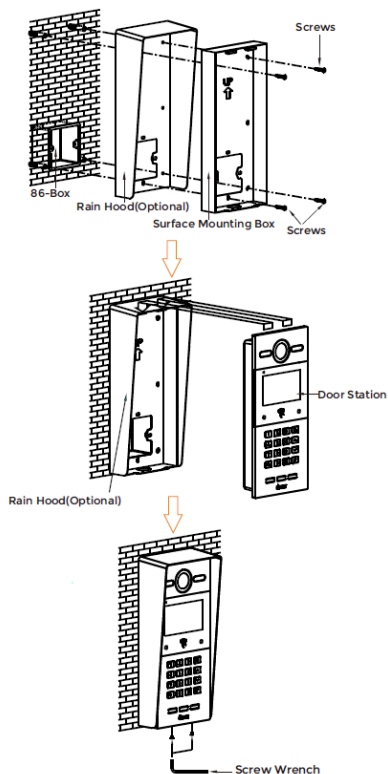
Step4: Use the supplied hex screwdriver to tighten the two countersunk screws and secure the device to the rain hood.



Product size: 133 × 295 × 41 mm
Surface Mounting size: 136 × 300 × 87 mm

Surface Mounting with RH03(Optional)

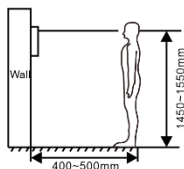
Silicone seal is required around the surface housing to waterproof the back (cables and connections)



Product size: 133 × 295 × 41 mm

Surface Mounting size: 133 × 295 × 43 mm

Tips:



The camera should be 1450~1550mm above the ground.
The camera at this height can capture human face perfectly.

TROUBLESHOOTING

The Indoor Monitor cannot start up or power off automatically.

- Check whether it has power-failure, and power it on again

The Indoor Monitor display screen is too dim.

- Check whether the brightness and contrast settings of screen are correct.

No sound during the communication.

- Check whether the Indoor Monitor is set as mute mode, or the volume is set to the lowest.

The Indoor Monitor cannot monitor the Door Station.

- Other user is using the system, so you can use it once he/she finished the operation.

Multimedia files cannot be played normally.

- Check whether the system supports the file format. Please refer to the multimedia setting for details.

No response when clicking Indoor Monitor display screen.

- Press "Unlock" button for 5s, or slowly slide horizontally or vertically on the LCD to make touchscreen calibration. It needs to be calibrated.

Touchscreen responses slowly or cannot make calibration.

- Take down any protective paster, since it may affect identification
- and input for device;
- Ensure the finger is dry and clean when clicking touchscreen;
- Restart the device to clear any temporary software error.

The temperature of device is too high.

- Long-term use leads to high temperature. It's normal and will not affect the device's use life and performance.
-

SAFETY INSTRUCTION

In order to protect you and others from harm or your device from damage, please read the following information before using the device.

- Do not install the device in the following places:
- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion:

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- Do not make the power supply slip or cause the impact.
- Do not use the power supply without the manufacturer's approval.
- Do not have the liquids such as water go into the device.

Clean Device Surface

- Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause floppover or damage to the device.
- Please be careful when standing up from the area under the device.
- Do not disassemble, repair or modify the device at your own discretion.

- The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.
- When moving, please hand over the manual to new tenant for proper usage of the device.

**EASY & SMART
INTERCOM SOLUTIONS**